

FIG. 1

FIG. 1A

S30

CALIBRATION EXECUTION REQUEST DETAILED STATUS	
BIT	CONTENTS
1st BIT	-
2nd BIT	DENSITY CONTROL EXECUTION REQUEST
3rd BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST
4th BIT	-
5th BIT	LASER INTENSITY MEASUREMENT EXECUTION REQUEST
6th BIT	DRUM PHASE ADJUSTMENT EXECUTION REQUEST
7th BIT	-
8th BIT	-
9th BIT	-
10th BIT	-
11th BIT	-
12th BIT	-
13th BIT	-
14th BIT	-
15th BIT	-
16th BIT	PARITY BIT

A

B

FIG. 1B

S31

A	DENSITY CONTROL EXECUTION REQUEST FACTOR STATUS	
	BIT	CONTENTS
	1st BIT	-
	2nd BIT	DENSITY CONTROL EXECUTION REQUEST AT POWER-ON
	3rd BIT	DENSITY CONTROL EXECUTION REQUEST FOR EACH PAGE COUNT
	4th BIT	DENSITY CONTROL EXECUTION REQUEST AT A CERTAIN ELAPSED TIME
	5th BIT	DENSITY CONTROL EXECUTION REQUEST AT ENVIRONMENTAL CHANGE
	6th BIT	DENSITY CONTROL EXECUTION REQUEST AT RETURN FROM SLEEP
	7th BIT	DENSITY CONTROL EXECUTION REQUEST WHEN NUMBER OF SHEETS PRINTED FROM NEW CRG BECOMES A CERTAIN NUMBER
	8th BIT	-
	9th BIT	DENSITY CONTROL EXECUTION REQUEST AT CRG EXCHANGE
	10th BIT	-
	11th BIT	-
	12th BIT	-
	13th BIT	-
	14th BIT	-
	15th BIT	-
	16th BIT	PARITY BIT

FIG. 1C

S32

B	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST FACTOR STATUS	
	BIT	CONTENTS
	1st BIT	-
	2nd BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT POWER-ON
	3rd BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST FOR EACH PAGE COUNT
	4th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT A CERTAIN ELAPSED TIME
	5th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT ENVIRONMENTAL CHANGE
	6th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT RETURN FROM SLEEP
	7th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST WHEN NUMBER OF SHEETS PRINTED FROM NEW CRG BECOMES A CERTAIN NUMBER
	8th BIT	-
	9th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT CRG EXCHANGE
	10th BIT	-
	11th BIT	-
	12th BIT	-
	13th BIT	-
	14th BIT	-
	15th BIT	-
	16th BIT	PARITY BIT

FIG. 2

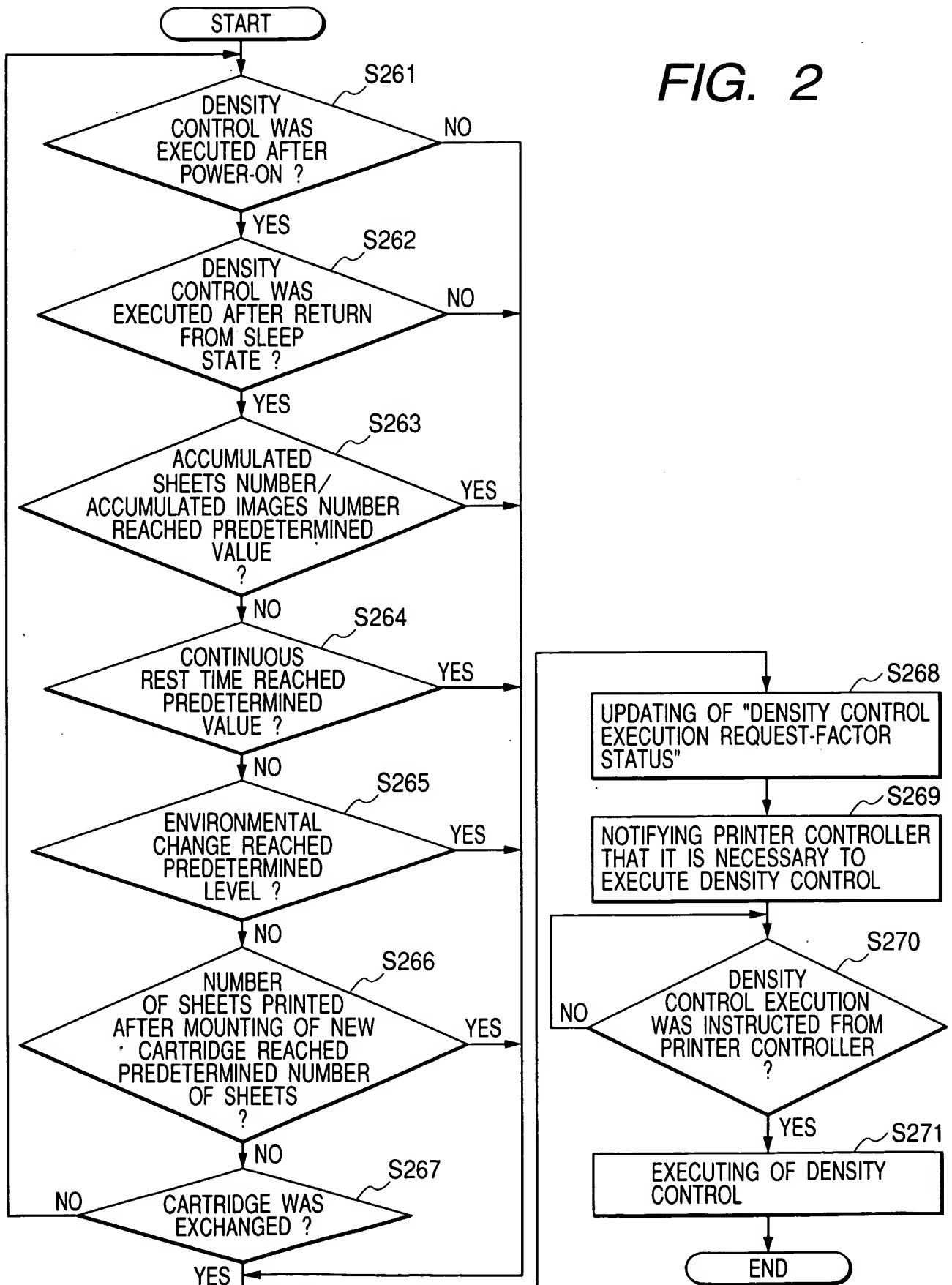


FIG. 3

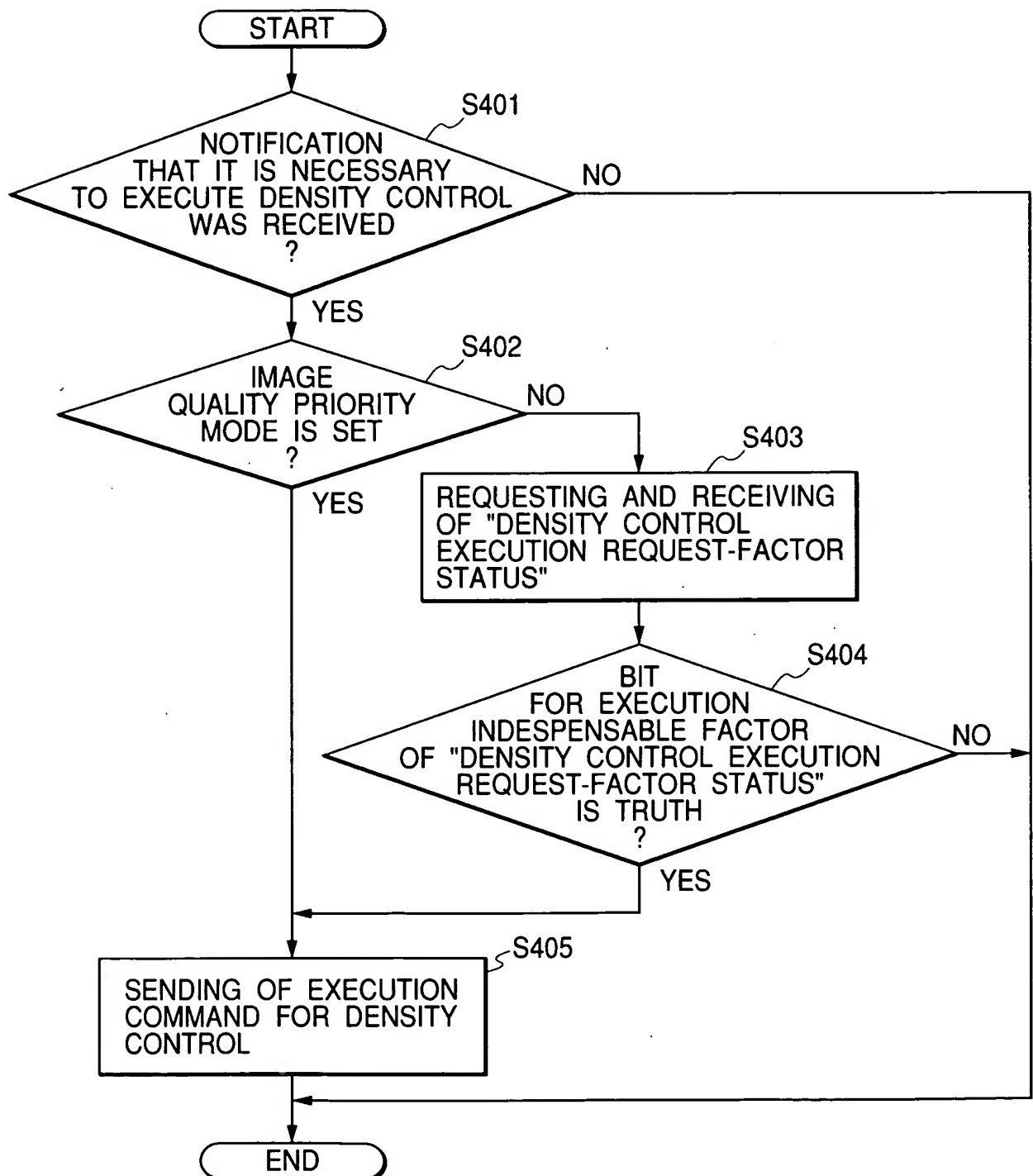


FIG. 4

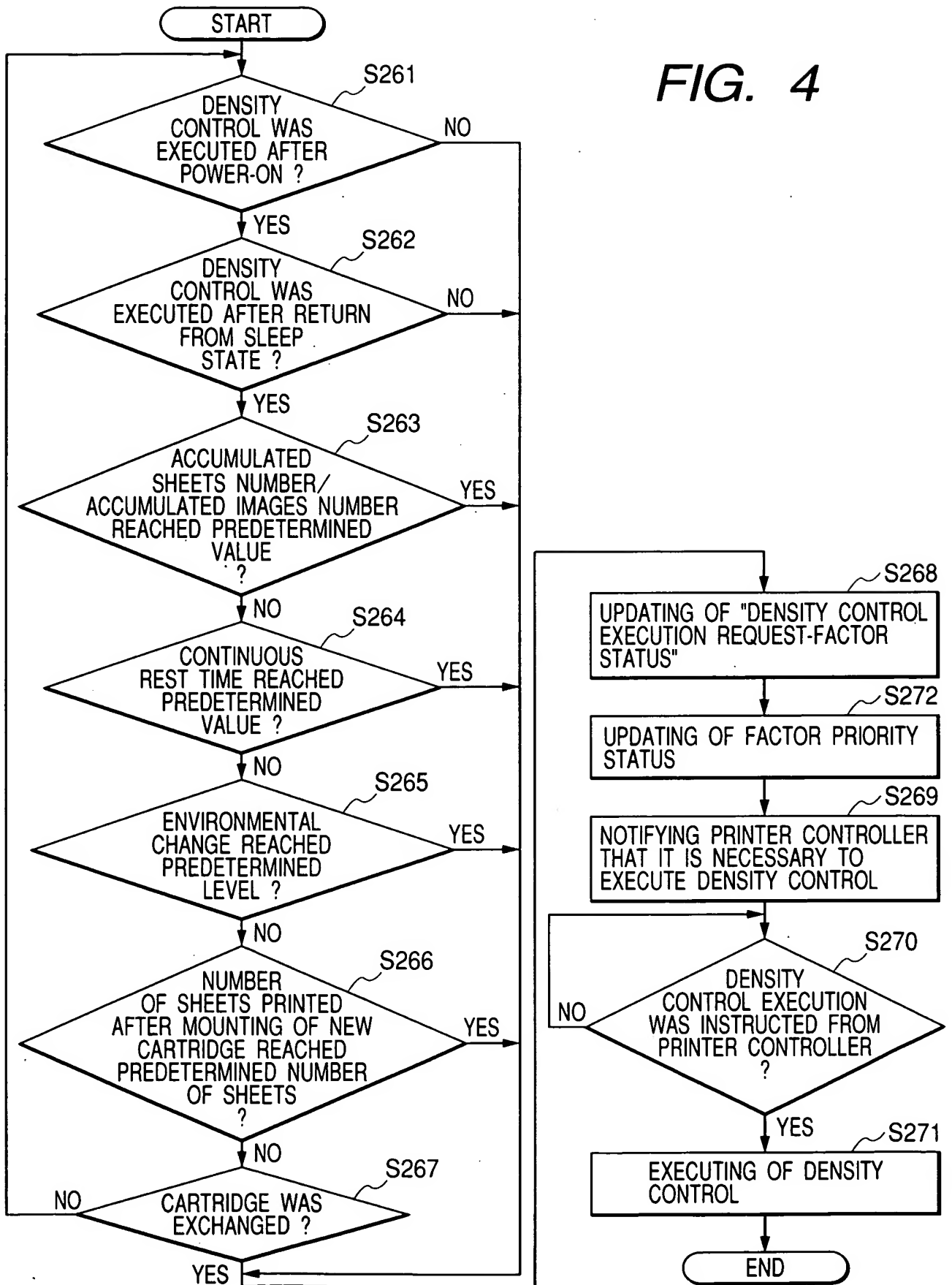


FIG. 5

FIG. 5A	FIG. 5B
	FIG. 5C

FIG. 5A

S30

CALIBRATION EXECUTION REQUEST DETAILED STATUS	
BIT	CONTENTS
1st BIT	-
2nd BIT	DENSITY CONTROL EXECUTION REQUEST
3rd BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST
4th BIT	-
5th BIT	LASER INTENSITY MEASUREMENT EXECUTION REQUEST
6th BIT	DRUM PHASE ADJUSTMENT EXECUTION REQUEST
7th BIT	-
8th BIT	-
9th BIT	-
10th BIT	-
11th BIT	-
12th BIT	-
13th BIT	-
14th BIT	-
15th BIT	-
16th BIT	PARITY BIT

A

B

FIG. 5B

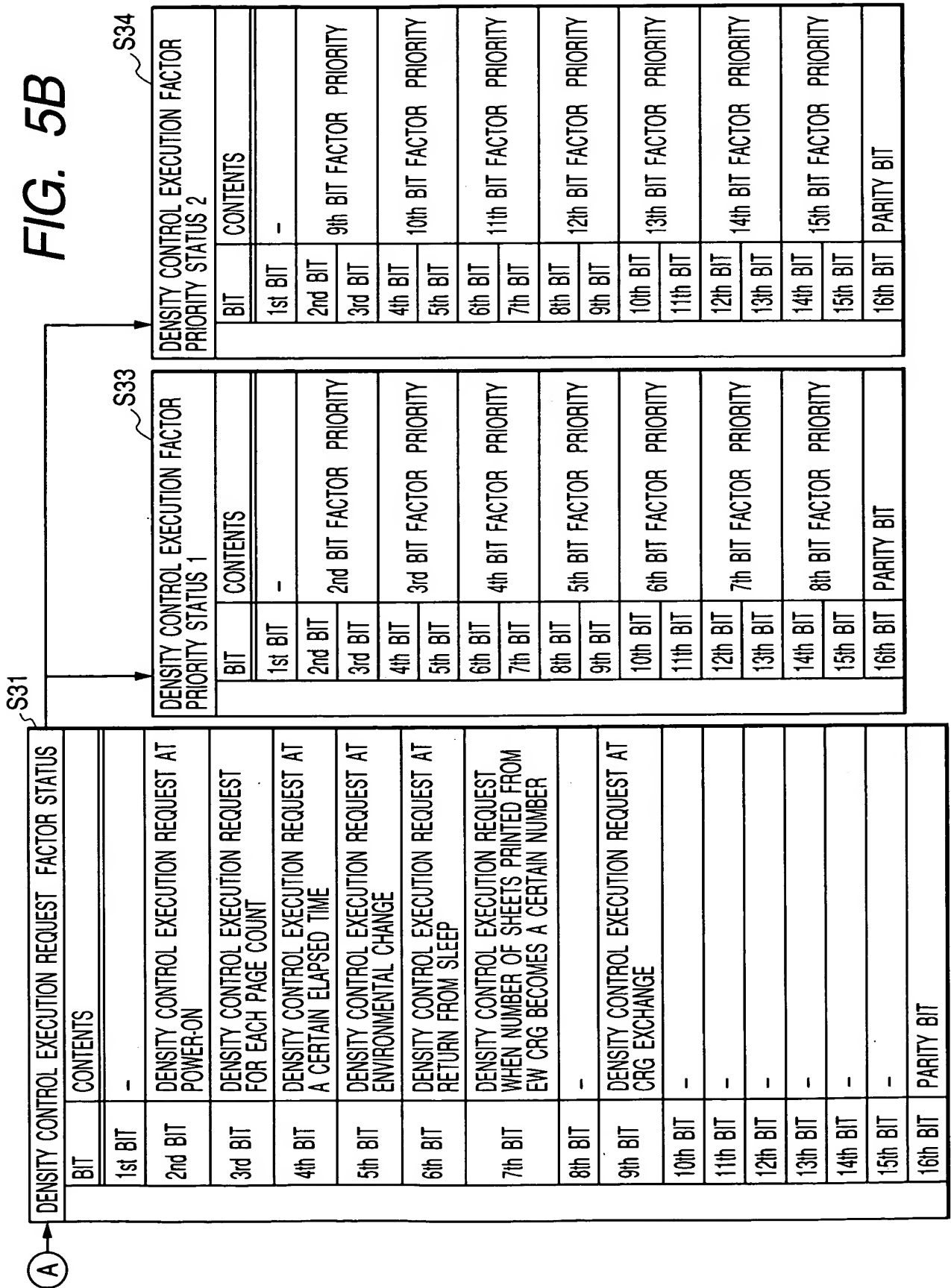


FIG. 5C

S32

B	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST FACTOR STATUS	
	BIT	CONTENTS
	1st BIT	-
	2nd BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT POWER-ON
	3rd BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST FOR EACH PAGE COUNT
	4th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT A CERTAIN ELAPSED TIME
	5th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT ENVIRONMENTAL CHANGE
	6th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT RETURN FROM SLEEP
	7th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST WHEN NUMBER OF SHEETS PRINTED FROM NEW CRG BECOMES A CERTAIN NUMBER
	8th BIT	-
	9th BIT	COLOR MISREGISTRATION AMOUNT MEASUREMENT EXECUTION REQUEST AT CRG EXCHANGE
	10th BIT	-
	11th BIT	-
	12th BIT	-
	13th BIT	-
	14th BIT	-
	15th BIT	-
	16th BIT	PARITY BIT

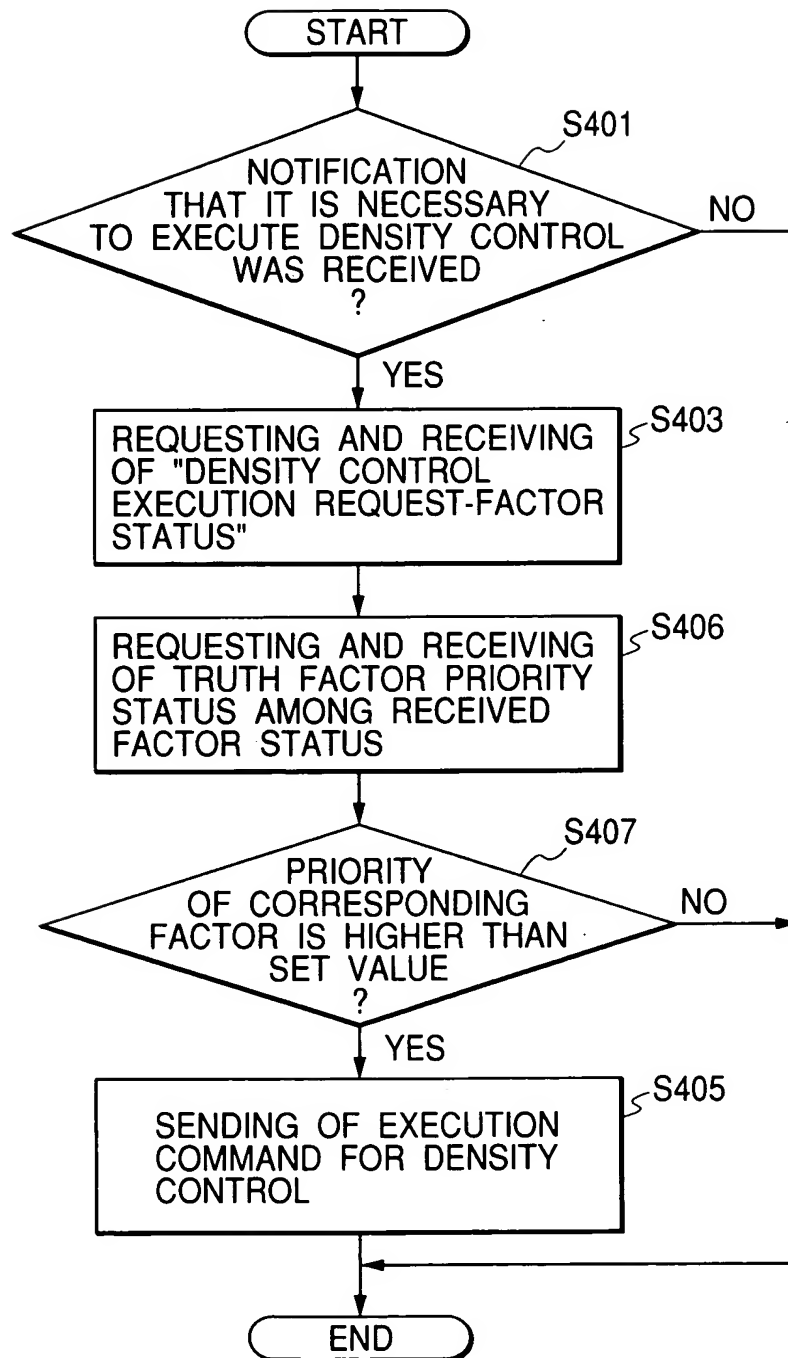
FIG. 6

FIG. 7

DENSITY CONTROL EXECUTION REQUEST GENERATION FACTOR	PRIORITY
DENSITY CONTROL EXECUTION REQUEST AT POWER-ON	2
DENSITY CONTROL EXECUTION REQUEST FOR EACH PAGE COUNT	1
DENSITY CONTROL EXECUTION REQUEST AT A CERTAIN ELAPSED TIME	0
DENSITY CONTROL EXECUTION REQUEST AT ENVIRONMENTAL CHANGE	1
DENSITY CONTROL EXECUTION REQUEST AT RETURN FROM SLEEP	0
DENSITY CONTROL EXECUTION REQUEST WHEN NUMBER OF SHEETS PRINTED FROM NEW CRG BECOMES A CERTAIN NUMBER	2
DENSITY CONTROL EXECUTION REQUEST AT CRG EXCHANGE	3

FIG. 8

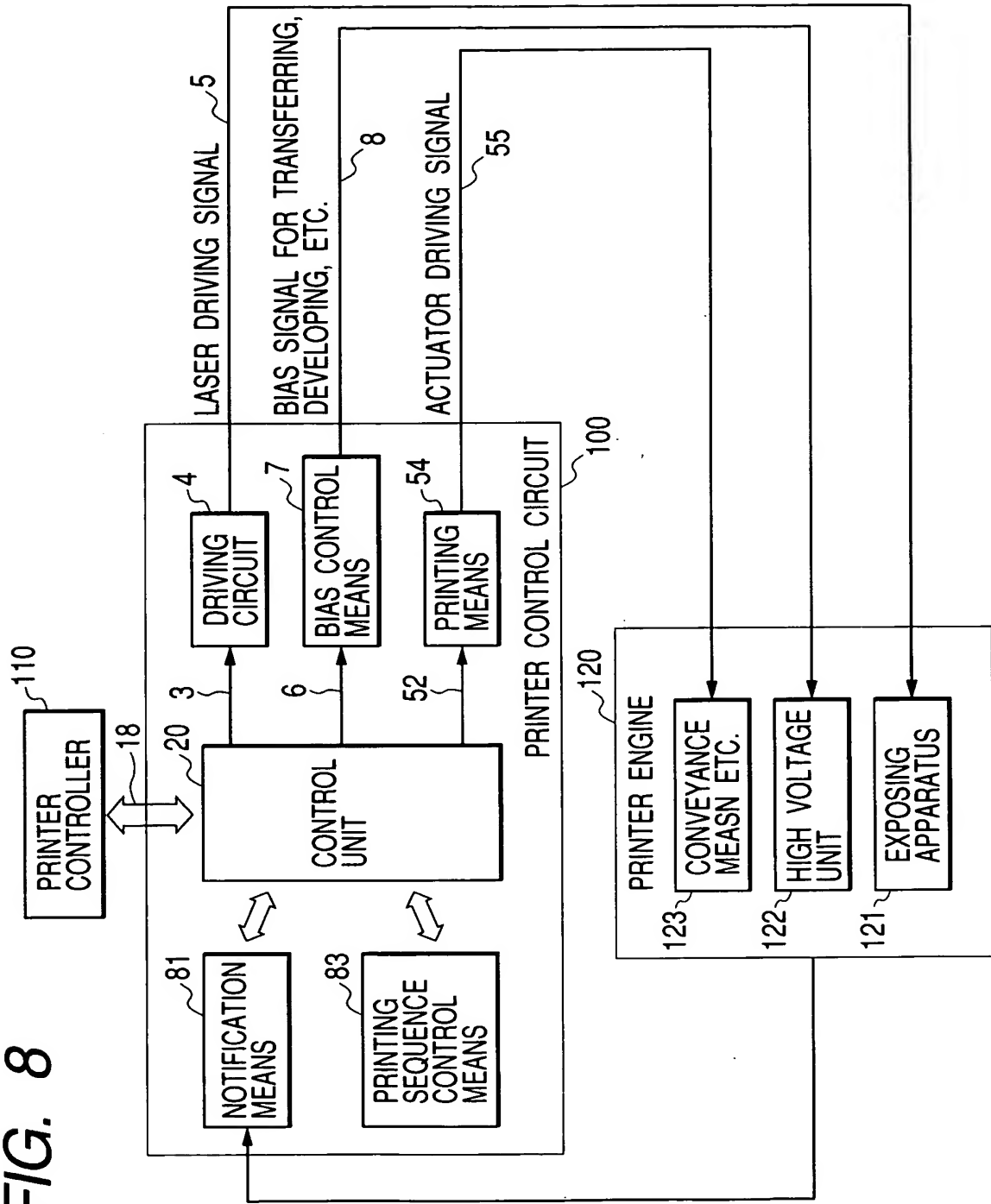


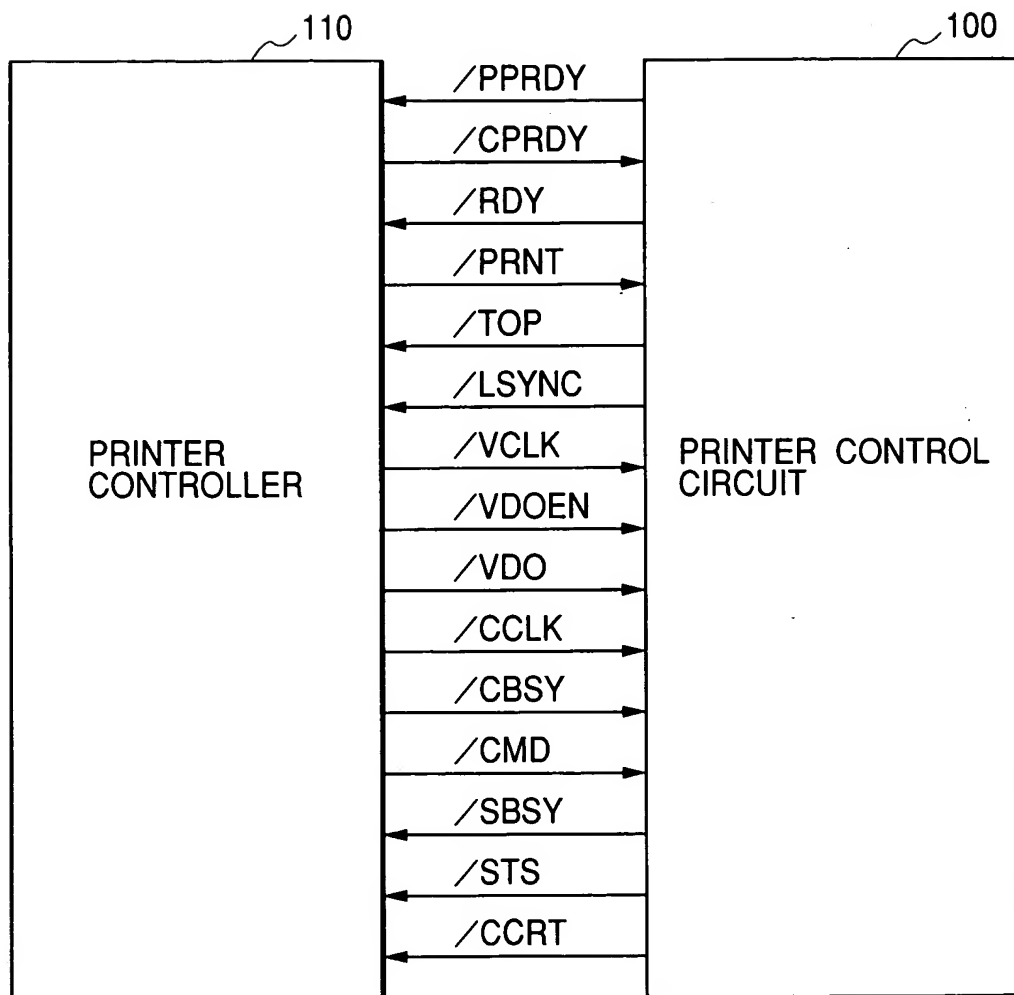
FIG. 9

FIG. 10

SIGNAL NAME	ABBREVIATION CODE	DIRECTION OF SIGNAL
PRINTER POWER READY	/PPRDY	CONTROLLER ← PRINTER
CONTROLLER POWER READY	/CPRDY	CONTROLLER → PRINTER
READY	/RDY	CONTROLLER ← PRINTER
PRINT	/PRINT	CONTROLLER → PRINTER
TOP OF PAGE	/TOP	CONTROLLER ← PRINTER
LINE SYNCHRONIZATION	/LSYNC	CONTROLLER ← PRINTER
VIDEO CLOCK	/VCLK	CONTROLLER → PRINTER
IMAGE ENABLE	/VDOEN	CONTROLLER → PRINTER
IMAGE	/VDO	CONTROLLER → PRINTER
CONTROLLER CLOCK	/CCLK	CONTROLLER → PRINTER
COMMAND BUSY	/CBSY	CONTROLLER → PRINTER
COMMAND	/CMD	CONTROLLER → PRINTER
STATUS BUSY	/SBSY	CONTROLLER ← PRINTER
STATUS	/STS	CONTROLLER ← PRINTER
SPEED CHANGE	/SPCHG	CONTROLLER ← PRINTER
PAPER DELIVERY	/PDLV	CONTROLLER ← PRINTER
TOP OF PAPER	/TOPR	CONTROLLER ← PRINTER
CONDITION CHANGE NOTIFICATION	/CCRT	CONTROLLER ← PRINTER

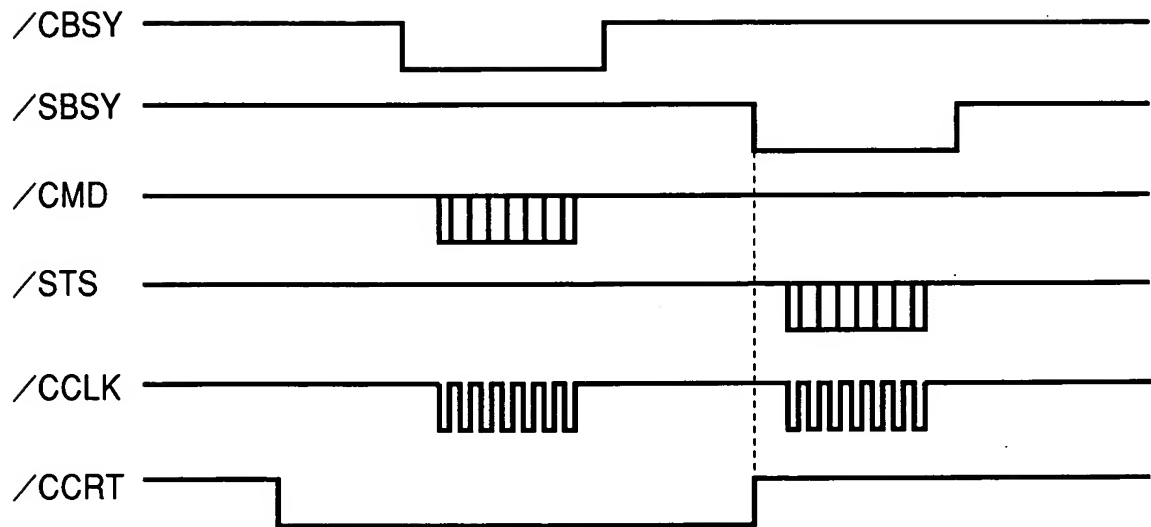
FIG. 11

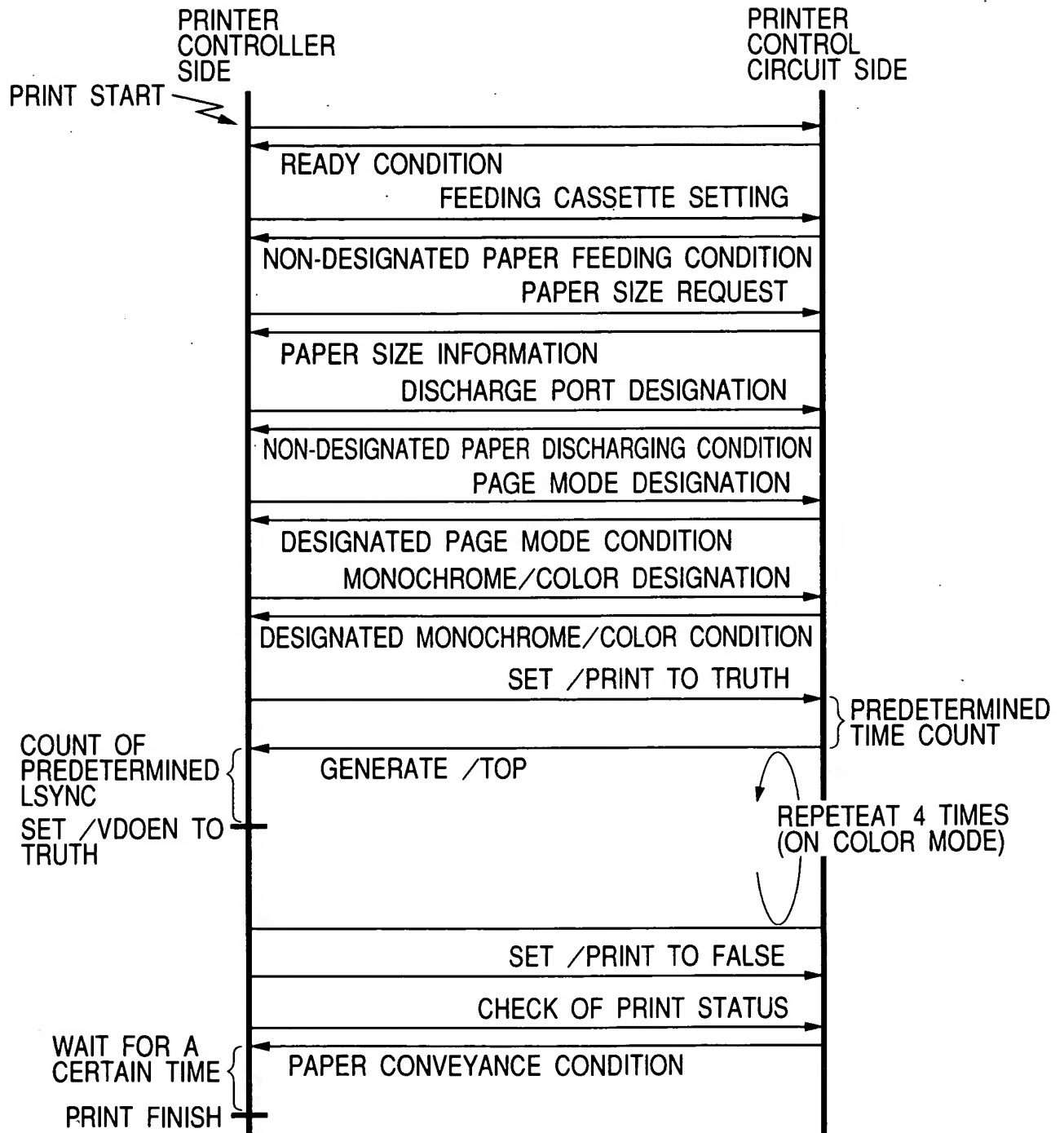
FIG. 12

FIG. 13